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DATE MAILED: 04/12/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/721,920	11/24/2003	Kie Y. Ahn	303.685US2	6550 ·
21186	7590 04/12/2006		EXAMINER	
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH			TRINH, MICHAEL MANH	
121 S. 8TH S' SUITE 1600	TREET		ART UNIT	PAPER NUMBER
MINNEAPOL	LIS, MN 55402		2822	

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)	
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Response to Rule 312 Communication	Examiner	Art Unit	
	Michael Trinh	2822	
The MAILING DATE of this communication	appears on the cover sheet	with the correspondence ac	idress –
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7. The considerant find an 07.5 through 0000 11.07.6	255 4 040 4 4 4 4 4 4		
☑ The amendment filed on <u>27 February 2006</u> under 37 ( a)	JFR 1.312 has been considere	d, and has been:	
b)  entered as directed to matters of form not affecti	ing the scape of the invention	·	
_			
c) disapproved because the amendment was filed	•		
Any amendment filed after the date the issue		ed by a petition under 37 CFF	R 1.313(c)(1
and the required fee to withdraw the applicati	on from issue.		
d) disapproved. See explanation below.			
e) 🛛 entered in part. See explanation below.			
312-Amendment filed 2/27/06 is entered in part, exce	ept deleting the limitation of "an	d the silicide layer" in claim 37	7, line 7.
In other words, deleting the limitations of "and the sili since it is affecting the scope of the invention. Therefor	icide layer" in claim 37, at line 7 e. Examiner's amendment is i	, is disapproved and not ente	red
accordingly .		ioladda Horomar fol olainir or,	
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	N Prin	lichael Trinn nary Examiner	
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Art Unit: 2822

## **DETAILED ACTION**

\*\*\* In according to 312 Communication, claim 37 is shown below.

## Examiner's Amendment

\*\*\* An examiner's amendment to the record appears below.

**IN THE CLAIM:** Replacing and amending Claim 37 as follows:

37. (Currently Amended) A method, comprising:

forming a metal line air-bridge structure, which has having a number of top, bottom, and side exposed surfaces adjacent to a number of interstices in the air-bridge structure and connects to a number of silicon devices in a substrate:

covering the exposed surfaces of the air-bridge structure with a silicide layer;

hermetically sealing metal lines of the air-bridge structure underlying a nitride layer on the silicide layer and the silicide layer; and

providing a low dielectric constant insulator in the number of interstices.

\*\*\*\*\*\*\*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael M. Trinh whose telephone number is (571) 272-1847. The examiner can normally be reached on M-F: 9:00 Am to 5:30 Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zandra Smith can be reached on (571) 272-2429. The central fax phone number is (703) 872-9306.

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Michael Trinin
Primary Examiner